

CLAIMS :

1. An apparatus for separating coarse grain and fine grain with a screen made of screen bars which are situated successively adjacent to one another and slope downwardly in the conveying direction of the coarse grain and with a support for the screen bars which are fastened to one end of the support and can be excited to performed oscillations by the material to be screened, characterized in that the bar-like support (4) is held in a frame (6) in a manner torsionally resilient about its longitudinal axis (5) extending transversally to the screen bars (3) and that the screen bars (3) are arranged in at least two rows disposed successively in the conveying direction (2) of the coarse grain.
2. An apparatus as claimed in claim 1, characterized in that the frame comprises at least two supports (4) which are arranged successively behind each other in steps in the conveying direction (2) of the coarse grain and are each provided with screen bars (3) and are held in an oscillatory manner.
3. An apparatus as claimed in claim 1 or 2, characterized in that the screen bars (3) each encompass the support (4) by at least 90° and that the screen bars (3) are held on the support (4) by means of a profile (11) which receives the screen bars (3) between itself and the support (4).
4. An apparatus as claimed in one of the claims 1 to 3, characterized in that the frame (6) is arranged in the transfer region of two conveyor belts (81, 10) and is detachably connected with at least one of the conveyor belts (81).
5. An apparatus as claimed in one of the claims 1 to 4, characterized in that the supports (4) form with the screen bars (3) and the frame (6) a modular unit which can be fastened to a belt head of a conveyor belt (81).
6. An apparatus as claimed in one of the claims 1 to 5, characterized in that the frame (6) is associated with a transport frame (18).